

AVION

– new forms of office lighting



FAGERHULT





Caught in weightlessness

Fagerhult's Avion has a delicate beauty masking a robust design. An elegant flow of light which creates an impression of weightlessness, designed to act as a striking solitary luminaire, or to form a system where its long dimensions create a fascinating linear interaction.

The development process at Fagerhult is a hybrid of the aesthetic and technical. The starting point is an idea for the visual experience, while the technology provides the invisible fulcrum through which the desired lighting effects are created. Design and performance working in perfect unison.



reddot design award
honourable mention 2009

Playing with lines

Avion is a new concept in luminaire design where the focus is drawn to the long sides rather than the ends. The thin lines and the concaved edges provide the essence of the design while the distinctive colour contrasts along the side attracts attention and enhances its form.

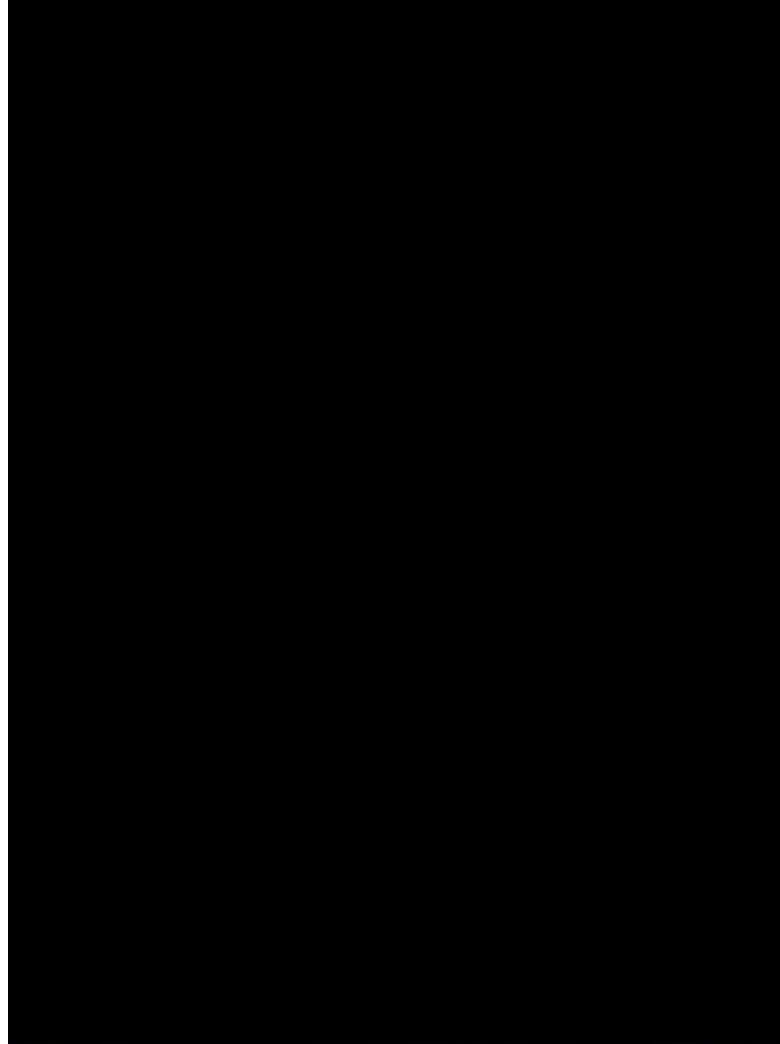
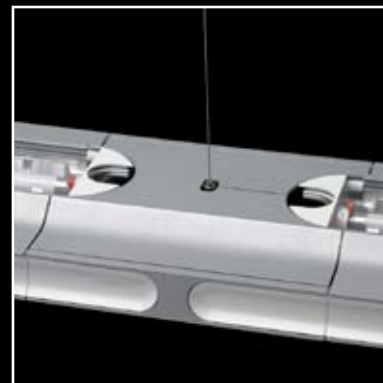
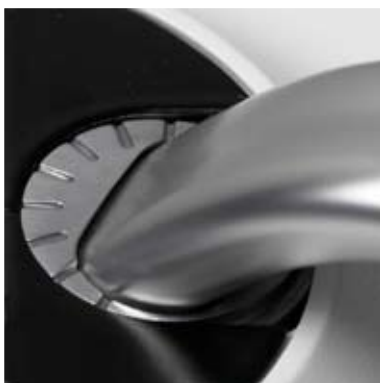
The rise at the top of the luminaire houses the light sources and technical solution, facilitating the functionality and light distribution while limiting the visual height. Avion is available in white, black and grey variations.



A systematic approach

Fagerhult are committed to developing complete lighting systems suitable for various requirements and applications.

Behind Avion's clean lines lies advanced design and lighting technology. Avion can be continuously installed, forming flowing lines, seamlessly integrated via continuous connectors. The addition of flexible connectors offers the potential to create curved lines, with variations at each connection point.





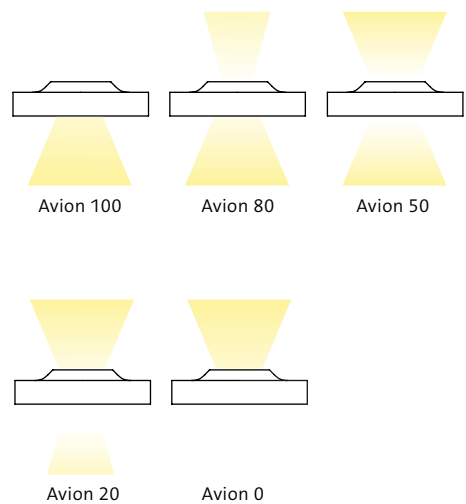




One form, one complete lighting system

It is imperative luminaires such as Avion, offer the flexibility to plan large lighting systems without compromising on quality, efficiency or design. The range consists of five different combinations of direct and indirect distributions, suitable for varying lighting needs. Each luminaire is named after its proportion of direct light, making it easy to identify which one to select.

Avion can be supplied with Fagerhults lighting control system e-Sense, with the sensor discretely positioned in the end cap. The e-Sense solution promotes both user comfort and energy efficiency by allowing the use of light in the required place at the required time in the required quantity.





Avion 100

Installation

Wire pendant (single wire). Friction locks included with luminaire. The luminaire is supplied in a balanced design for single wires.

Connection

Single – the luminaire is equipped with a 2.4 m mains cable 3x0.75 mm² and an earthed plug as standard. Luminaires ordered with SwitchDim or DALI are equipped with with 2.4 m mains cable 5x0.75 mm² excl. plug.
Continuous installation – 5-way snap-in terminal block at each end and 3x1.5 mm² through-wiring as standard. With dimming, 5-way snap-in terminal block, 1-phase through-wiring possible.

Design

Body in extruded aluminium and ends in cast aluminium. The luminaire is finished in a white/black (RAL 9003 structured/RAL 9005) or alu-grey/white (RAL 9006 structured/ RAL 9003) design. The top cover is transparent acrylic plastic. Luminaires for continuous installation require end caps – must be ordered separately.

Louvre

Beta – double parabolic reflector louvre with side and cross blades of satin matt, metallised aluminium with very good reflection characteristics (> 92 %), integrated into a single unit.

Lamell – alu-grey enamelled sheet steel, cross blade louvre.

Reflector

Reflector material of metallised aluminium with satin matt surface.

Accessories

See accessories page.

Emergency lighting

Some variants available with emLED.

Luminaire, incl. end caps

FDH	kg	White/black	Grey/white
Beta			
1x28	6.6	29021	29051
1x35	8.1	29022	29052
1x49	8.1	29023	29053
1x54	6.6	29024	29054
2x28	6.6	29026	29056
2x35	8.1	29027	29057
2x49	8.1	29028	29058
2x54	6.6	29029	29059
Lamell			
1x28	6.6	29001	29031
1x35	8.1	29002	29032
1x49	8.1	29003	29033
1x54	6.6	29004	29034
2x28	6.6	29006	29036
2x35	8.1	29007	29037
2x49	8.1	29008	29038
2x54	6.6	29009	29039

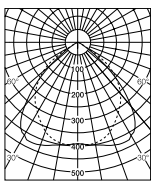
Luminaire continuous mounted, excl. end caps

FDH	kg	White/black	Grey/white
Beta			
1x28	6.5	29332	29341
1x35	8.0	29333	29342
1x49	8.0	29334	29343
1x54	6.5	29335	29344
2x28	6.5	29337	29346
2x35	8.0	29338	29347
2x49	8.0	29339	29348
2x54	6.5	29340	29349

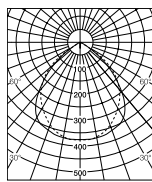
Suffix code

- -368 DALI
- -300 SwitchDim/DSI
- -301 SwitchDim with pull dim
- -217 e-Sense ActiLume with pull dim
- -218 e-Sense SmartSwitch absence control
- -219 e-Sense SmartSwitch on/off
- -220 e-Sense SmartSwitch with pull dim

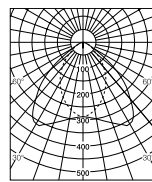
Add suffix code to the end of the luminaire part number to indicate required function. Only one suffix can be added.



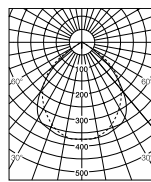
1x35 W, Beta



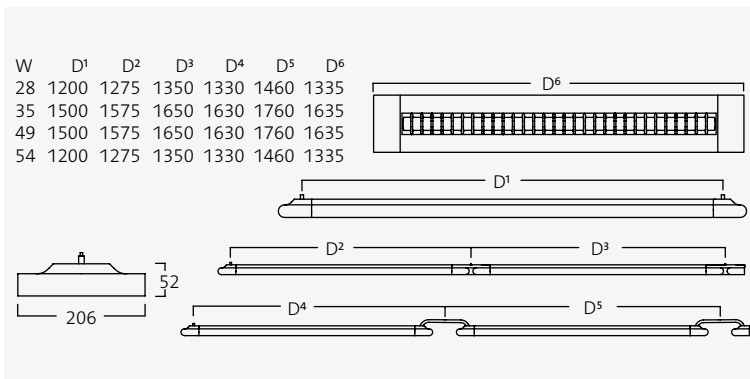
2x35 W, Beta



1x35 W, Lamell



2x35 W, Lamell



Avion 100 is for direct lighting only. The aluminium cover adds to the solid appearance of the luminaire.



The Beta louvre provides excellent efficiency and a controlled luminance.



Avion 80

Installation

Wire pendant (single wire). Friction locks included with luminaire. The luminaire is supplied in a balanced design for single wires.

Connection

Single – the luminaire is equipped with a 2.4 m mains cable 3x0.75 mm² and an earthed plug as standard. Luminaires ordered with SwitchDim or DALI are equipped with with 2.4 m mains cable 5x0.75 mm² excl. plug.
Continuous installation – 5-way snap-in terminal block at each end and 3x1.5 mm² through-wiring as standard. With dimming, 5-way snap-in terminal block, 1-phase through-wiring possible.

Design

Body in extruded aluminium and ends in cast aluminium. The luminaire is finished in a white/black (RAL 9003 structured/RAL 9005) or alu-grey/white (RAL 9006 structured/ RAL 9003) design. The top cover is transparent acrylic plastic. Luminaires for continuous installation require end caps – must be ordered separately.

Louvre

Beta – double parabolic reflector louvre with side and cross blades of satin matt, metallised aluminium with very good reflection characteristics (> 92 %), integrated into a single unit.

Lamell – alu-grey enamelled sheet steel, cross blade louvre.

Reflector

Reflector material of metallised aluminium with satin matt surface.

Accessories

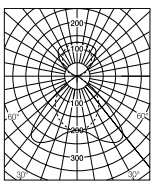
See accessories page.

Emergency lighting

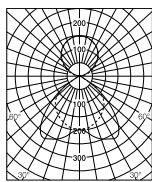
Some variants available with emLED.

Luminaire, incl. end caps					Luminaire continuous mounted, excl. end caps				
FDH	kg	White/black	Grey/white		FDH	kg	White/black	Grey/white	
Beta					Beta				
1x28	6.5	29081	29111	■	1x28	6.4	29300	29311	■
1x35	8.0	29082	29112	■	1x35	7.9	29301	29312	■
1x49	8.0	29083	29113	■	1x49	7.9	29302	29313	■
1x54	6.5	29084	29114	■	1x54	6.4	29303	29314	■
2x28	6.5	29086	29116	■●	2x28	6.4	29305	29316	■
2x35	8.0	29087	29117	■●	2x35	7.9	29306	29317	■
2x49	8.0	29088	29118	■	2x49	7.9	29307	29318	■
2x54	6.5	29089	29119	■	2x54	6.4	29308	29319	■
Lamell					Suffix code				
1x28	6.5	29061	29091	■	■ -368 DALI				
1x35	8.0	29062	29092	■	■ -300 SwitchDim/DSI				
1x49	8.0	29063	29093	■	■ -301 SwitchDim with pull dim				
1x54	6.5	29064	29094	■	● -217 e-Sense ActiLume with pull dim				
2x28	6.5	29066	29096	■●	● -218 e-Sense SmartSwitch absence control				
2x35	8.0	29067	29097	■●	● -219 e-Sense SmartSwitch on/off				
2x49	8.0	29068	29098	■	● -220 e-Sense SmartSwitch with pull dim				
2x54	6.5	29069	29099	■					

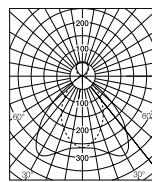
Add suffix code to the end of the luminaire part number to indicate required function. Only one suffix can be added.



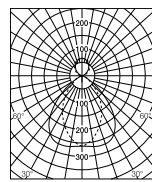
1x35 W, Beta



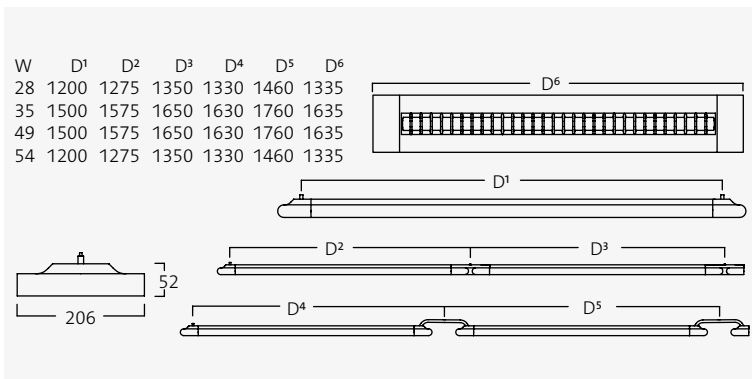
2x35 W, Beta



1x35 W, Lamell



2x35 W, Lamell



Avion Flex – an aesthetic way to create system luminaires with angles.



Avion with e-sense – the sensor is discretely integrated into the end cap.



Avion 50

Installation

Wire pendant (single wire). Friction locks included with luminaire. The luminaire is supplied in a balanced design for single wires.

Connection

Single – the luminaire is equipped with a 2.4 m mains cable 3x0.75 mm² and an earthed plug as standard. Luminaires ordered with SwitchDim or DALI are equipped with with 2.4 m mains cable 5x0.75 mm² excl. plug.
Continuous installation – 5-way snap-in terminal block at each end and 3x1.5 mm² through-wiring as standard. With dimming, 5-way snap-in terminal block, 1-phase through-wiring possible.

Design

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Louvre

Beta – double parabolic reflector louvre with side and cross blades of satin matt, metallised aluminium with very good reflection characteristics (> 92 %), integrated into a single unit.

Lamell – alu-grey enamelled sheet steel, cross blade louvre.

Reflector

Reflector material of metallised aluminium with satin matt surface.

Accessories

See accessories page.

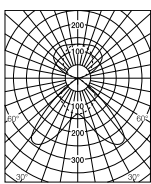
Emergency lighting

Some variants available with emLED.

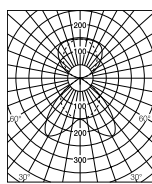
Luminaire, incl. end caps			
FDH	kg	White/black	Grey/white
Beta			
1x28	6.5	29141	29171
1x35	8.0	29142	29172
1x49	8.0	29143	29173
1x54	6.5	29144	29174
2x28	6.5	29146	29176
2x35	8.0	29147	29177
2x49	8.0	29148	29178
2x54	6.5	29149	29179
Lamell			
1x28	6.5	29121	29151
1x35	8.0	29122	29152
1x49	8.0	29123	29153
1x54	6.5	29124	29154
2x28	6.5	29126	29156
2x35	8.0	29127	29157
2x49	8.0	29128	29158
2x54	6.5	29129	29159

Luminaire continuous mounted, excl. end caps			
FDH	kg	White/black	Grey/white
Beta			
1x28	6.4	29241	29251
1x35	8.0	29242	29252
1x49	8.0	29243	29253
1x54	6.4	29244	29254
2x28	6.4	29246	29256
2x35	8.0	29247	29257
2x49	8.0	29248	29258
2x54	6.4	29249	29259
Suffix code			
■ -368 DALI			
■ -300 SwitchDim/DSI			
■ -301 SwitchDim with pull dim			
● -217 e-Sense ActiLume with pull dim			
● -218 e-Sense SmartSwitch absence control			
● -219 e-Sense SmartSwitch on/off			
● -220 e-Sense SmartSwitch with pull dim			

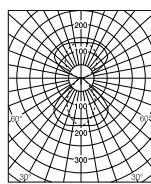
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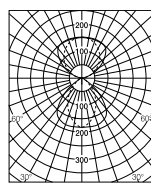
1x35 W, Beta



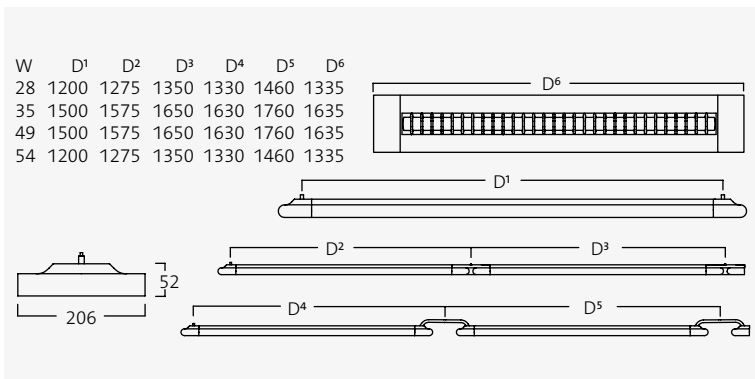
2x35 W, Beta



1x35 W, Lamell



2x35 W, Lamell



A continuous coupler is available as an accessory.



The removable end caps partially conceal the friction lock from view.



Avion 20

Installation

Wire pendant (single wire). Friction locks included with luminaire. The luminaire is supplied in a balanced design for single wires.

Connection

The luminaire is equipped with a 2.4 m mains cable 3x0.75 mm² and an earthed plug as standard. Luminaires ordered with SwitchDim or DALI are equipped with with 2.4 m mains cable 5x0.75mm² excl. plug.

Design

Body in extruded aluminium and ends in cast aluminium. The luminaire is finished in a white/black (RAL 9003 structured/RAL 9005) or alu-grey/white (RAL 9006 structured/RAL 9003) design. The top cover is transparent acrylic plastic.

Louvre

Beta – double parabolic reflector louvre with side and cross blades of satin matt, metallised aluminium with very good reflection characteristics (> 92 %), integrated into a single unit.

Lamell – alu-grey enamelled sheet steel, cross blade louvre.

Reflector

Reflector material of metallised aluminium with satin matt surface.

Accessories

See accessories page.

Emergency lighting

Some variants available with emLED.

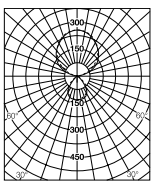
Luminaire with two pull switches, separate direct/indirect, incl. end caps

FDH	kg	White/black	Grey/white
Beta			
3x28	6.6	29191-17	29211-17
3x35	8.1	29192-17	29212-17
3x49	8.1	29193-17	29213-17
Lamell			
3x28	6.6	29181-17	29201-17
3x35	8.1	29182-17	29202-17
3x49	8.1	29183-17	29203-17

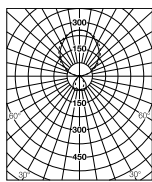
Suffix code

- -368 DALI
- -300 SwitchDim/DSI
- -301 SwitchDim with pull dim
- -217 e-Sense ActiLume with pull dim
- -218 e-Sense SmartSwitch absence control
- -219 e-Sense SmartSwitch on/off
- -220 e-Sense SmartSwitch with pull dim

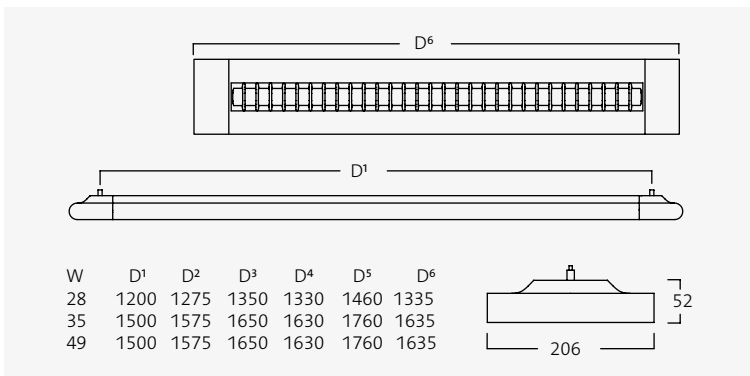
Add suffix code to the end of the luminaire part number to indicate required function. Only one suffix can be added.



3x49 W, Beta



3x49 W, Lamell



Avion 20 can be equipped with two pull switches that control the direct and indirect light respectively.



Avion 0

Installation

Wire pendant (single wire). Friction locks included with luminaire. The luminaire is supplied in a balanced design for single wires.

Connection

Single – the luminaire is equipped with a 2.4 m mains cable 3x0.75 mm² and an earthed plug as standard. Luminaires ordered with SwitchDim or DALI are equipped with with 2.4 m mains cable 5x0.75 mm² excl. plug.

Continuous installation – 5-way snap-in terminal block at each end and 3x1.5 mm² through-wiring as standard. With dimming, 5-way snap-in terminal block, 1-phase through-wiring possible.

Design

Body in extruded aluminium and ends in cast aluminium. The luminaire is finished in a white/black (RAL 9003 structured/RAL 9005) or alu-grey/white (RAL 9006 structured/ RAL 9003) design. The top cover is transparent acrylic plastic. Luminaires for continuous installation require end caps – must be ordered separately.

Reflector

Reflector of metallised aluminium, giving wide light distribution of the indirect light.

Accessories

See accessories page.

Emergency lighting

Some variants available with emLED.

Luminaire, incl. end caps		White/black	Grey/white	
FDH	kg			
2x28	5.9	29221	29231	■
2x35	7.2	29222	29232	■
2x49	7.2	29223	29233	■
2x54	5.9	29224	29234	■

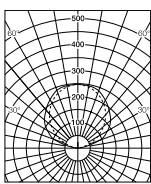
Luminaire continuous mounted, excl. end caps		White/black	Grey/white	
FDH	kg			
2x28	5.8	29271	29281	■
2x35	7.1	29272	29282	■
2x49	7.1	29273	29283	■
2x54	5.8	29274	29284	■

Suffix code

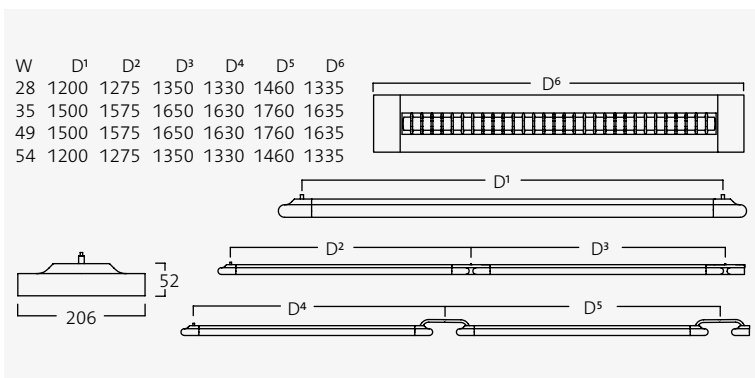
■ -368 DALI

■ -300 SwitchDim/DSI

Add suffix code to the end of the luminaire part number to indicate required function. Only one suffix can be added.



2x35 W



The luminaire's reflectors are developed to provide a wide and controlled indirect light distribution.



The aluminium details at the underside of the luminaire provides a uniform appearance when continuously mounted.



Avion Accessories

Single installation

1. Complete wire suspension, white ceiling cup. L=1.0 m.	
Excluding the mains cable (included with luminaire).	
Small ceiling cup/pair (94327+ 94327)	94414
Small ceiling cup/pair for T-bars 25 mm (94880+ 94880)	94415
Wire pendant incl. friction lock in ceiling bracket. L = 1.5 m, incl. ceiling bracket (chrome)/pair	91630

2. Support rails for visible T-bars.	
L=600 mm, T-bars: 25/15, max load: 75 N/pair	90017
Wire suspension for support rails 90017	91426

Continuous installation

1. Wire suspension with single wire and white ceiling cup. L=1.0 m.	
Small ceiling cup/each	94327
Large ceiling cup/each	94296
Small ceiling cup/each for T-bars 25 mm	94880
Large ceiling cup/each for T-bars 25 mm	94881

3. Wire suspension with single wire, white ceiling cup and mains cable 3x1.0 mm². L=1.0 m.	
Large ceiling cup/each	94588
Large ceiling cup/each for T-bars 25 mm	94589

Wire suspension with single wire, white ceiling cup and mains cable 5x1.0 mm². L=1.0 m.	
Large ceiling cup/each	91701
Large ceiling cup/each for T-bars 25 mm	91703

4. Continuous coupler – straight.	
Continuous lighting installation is supplemented with end cap and wire suspension	
Continuous connector including friction locks, white/black/each	94992
Continuous connector including friction locks, grey/white/each	94993

5. Continuous coupler – flexible.	
Continuous lighting installation is supplemented with end-plates and wire suspension	
Continuous coupler incl. friction locks/each	94994

6. End cap for continuous lighting installation.	
End cap, white/black/pair	94990
End cap, grey/white/pair	94991

Transparent diffuser.	
Transparent diffuser in acrylic, spare part – included in the luminaire.	
Transparent diffuser 28/54 W	94995
Transparent diffuser 35/49/80 W	94996

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Fagerhult develops, manufactures and markets professional lighting systems for public environments such as offices, schools, industries and hospitals. Our operations are run with a constant focus on design, function, flexibility and energy saving solutions.

Fagerhult is a member of the Fagerhult Group, the largest lighting group in the Nordic region and a leading company in Europe. We have sales companies in more than 15 countries and production units in Europe, China and Australia. In 2008 the group had sales of SEK 2.8 billion and is listed on the OMX Nordic Exchange in Stockholm, Mid Cap list.

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